

SONY® VIDEORECORDER® DECKS

MODELS CV-2000 AND CV-2000D

These Videocorder decks, when used with a Sony receiver/monitor record both the video and audio portion of any off-the-air TV channel on half-inch video tape. With the Sony TV camera (or any similarly designed camera) these decks will record "live" action. They can play back the recorded material through a monitor or TV receiver in both sight and sound.

There are two Sony decks with the same electrical and mechanical capabilities throughout. Both provide the basis of a TV recording studio for business or educational application. They employ the ingenious Sony alternate-field scan and repeat-field playback system, making it possible to operate the tape at a slow 7½ ips. An hour of program material can be recorded on a 7-inch reel. Cost is less than \$40, and the tape can be erased and used again and again.

Model CV-2000. The most portable video tape recorder ever designed, is housed in a sturdily-constructed carrying case with a durable leatherette finish. Weighing only 46 lbs., it can be carried easily from location to location.

Model CV-2000D. This economical deck is housed in a handsome walnut-finish case. Compact, it can be installed anywhere—even where space is limited.

These compact, lightweight decks make possible a wide range of applications. Using a Sony monitor and the VCK-2000 Sony Video Camera Ensemble (TV camera, tripod and microphone) "live" indoor and outdoor scenes—both sight and sound—can be recorded and played back instantly or stored for future use. This opens the way to a wide variety of applications in education, science and business for sales training, production training, surveillance, continuous monitoring of hazardous operations, dramatic and athletic instruction etc.

These decks are designed for use with the Sony receiver/monitors, the large-screen CVM-2300U or the portable CVM-51UWP. Used with a branch cord, the Videocorder decks can be connected to more than one monitor, an important feature for large group presentations. The Sony TV Adapter makes it possible to employ standard TV receivers for off-the-air recording or playback.

An important feature of these units is tape interchangeability. Any tape recorded on one Sony Videocorder can be played back on any other Sony Videocorder. For example, a recording made at company headquarters can be distributed to any division or branch where a Videocorder is available. Similarly, educational institutions can exchange tapes with other schools.



SPECIFICATIONS: VIDEORECORDER® DECKS

MODELS CV-2000 AND CV-2000D

ELECTRONIC

Circuitry _____ solid-state
 Recording signal _____ 2:1 interlaced composite signal based on American TV standards, including industrial sync.
 Signal recording method _____ Double-sideband FM recording
 Horiz. Resolution _____ Greater than 200 lines
 Video signal-to-noise ratio _____ Greater than 40db.
 Video output _____ 1-4V (P-P), sync negative, 75 ohms
 Video input _____ 1-3V (P-P), sync negative, 75 ohms
 Camera input _____ For Sony CVC-2000*
 Microphone input _____ Low impedance, -60db unbal., 600 ohms
 Audio frequency range _____ 80 to 10,000 Hz
 Audio signal-to-noise _____ Greater than 40db
 Audio aux. input _____ High impedance, -20db balanced
 Audio output to line _____ High impedance, 0db unbalanced

GENERAL

Recording system _____ Rotary two heads helical scanning
 Servo system _____ Electro-magnetic
 Recording time _____ 60 min. continuous (with V-32 tape, 2,370 ft.) 30 min. continuous (with V-31 tape, 1240 ft.)

*For use with TV cameras other than Sony CVC-2000 refer to Bulletin P.E.T.I.-2

Rewind/fast forward time _____ Within 7 minutes
 Motor _____ 1 single-phase hysteresis synchronous
 Audio-control head _____ Stationary, (PP-30-2102C)
 Video head _____ Rotary two heads
 Erase head _____ Full-track (EP-51-21)
 Tape speed _____ 7.5 ips
 Tape _____ 1/2-inch, Sony "V" series or equiv.
 Reel _____ Max. diameter 7 inches
 Meter _____ Audio level, video level, AC line voltage
 Operating position _____ horizontal
 Operating temperature _____ 0-40° C (32-104° F)
 Power req. & consumption _____ 117 VAC, 60 Hz ± 0.4, 80 watts

PHYSICAL

Dimensions _____ 18 1/8 x 11 7/8 x 15 3/4" (CV-2000)
 19 3/4 x 9 7/8 x 15 1/4" (CV-2000D)
 Weight _____ 46 lbs. (CV-2000); 42 1/2 lbs. (CV-2000D)
 Case _____ Leatherette covered plywood (CV-2000); walnut finish (CV-2000D)

ACCESSORIES SUPPLIED

V-30, Sample Tape; RH-7V empty reel; Head cleaner set; Sony OL-1K lubricating oil; Splicing tape; 8-pin connector; 2-pin connector.

ACCESSORIES AND AUXILIARY EQUIPMENT

VCK-2000 Camera Ensemble _____ To record "live" action (TV camera, microphone tripod, extension cables)

CVM-2300U 22-inch (measured diagonally) receiver/monitor _____ To be used for viewing by large groups

CVM-51UWP 8-inch (measured diagonally) receiver/monitor _____ To be used as TV receiver screen

CVO-1 Dust Cover _____ Clear, provides access to controls when Videocorder is operating

*Refer to Technical Bulletin P.E.T.I.-3

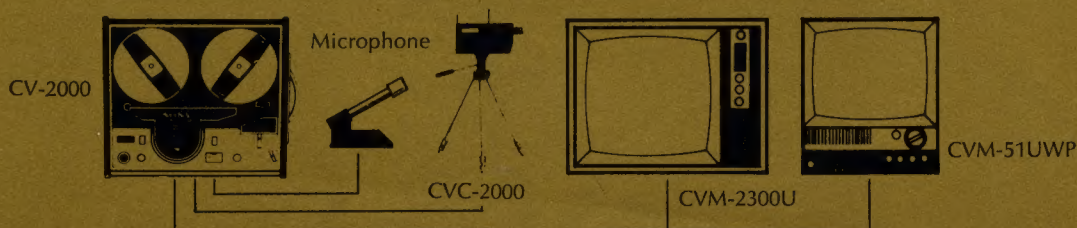
CVO-2 Dust Cover _____ Tinted, permits operation of Videocorder, but not controls

V-31 Video Tape _____ 7-inch reel, 1/2 hr., 1,240 ft.

V-32 Video Tape _____ 7-inch reel, 1 hr., 2,370 ft.

RH-7V Tape Reel _____ 7-inch reel

VMC-Branch Cords (VMC-1, VMC-1B, VMC-1D, etc.)** _____ To feed additional monitors



COMPLETE VIDEO TAPE TV STUDIO

SOLD BY:

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